		OIP E				<u>s</u>	heet 1 of	2 1
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE				ATTY. DOCKET NO.		SERIAL NO.		
(MODIFIED)	(-;	FEB 1 1 2007	3111 017 102	GTI-1464		09/960,698		
HS	T OF	ANOR ARTASTED BY APPLICANT		APPLICANT(S)		DF	CEI	/Εη
Lic	(NIOR ART & TED BY APPLICANT USES 1849 Bricets if necessary)	John J. KILBANE, II	•			1	
			FILING DATE		GROUP	EB 1 4 7	.002	
			21 September 2001		GROUP TECH CENTER 1600/ 163/			
	`	U.S.	PATENT D	OCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D IF APPROF	
AM	AA	6,312,930 B1	11/2001	Tice, Jr. et al.				
	AB	6,287,769 B1	09/2001	Inoue				
	AC	6,280,946 B2	08/2001	Hyldig-Nielsen et al.	_			
	AD	6,107,031	08/2000	Gruber				
	AE	5,994,066	11/1999	Bergeron et al.				
	AF	5,989,821	11/1999	Goh et al.				
	AG	5,846,783	12/1998	Wu et al.				
	AH	5,753,467	05/1998	Jensen et al.				
	AI	5,705,332	01/1998	Roll				
		5,627,275	05/1997	Roll	_			
-	AJ AK	5,523,217	06/1996	Lupski et al.				
	AK			T DOCUMENTS	`			
							TRANSL	ATION
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	AL		ļ		1	, , , , , , , , , , , , , , , , , , ,		
	AM				 			-
	AN				 		<u> </u>	
	AO_				ļ	<u> </u>	_	
,	AP		<u></u>			<u> </u>	<u> </u>	L
		OTHER PRIOR ART (ncluding Auth	or, Title, Date, Pertinent F	Pages, Etc.)			
						<u> </u>		
	AR							
	AS			`				
	AT							······································
EXAMINER	\perp I	In Marschel		DATE CON	NSIDERED	1-20-	-04	
+=W 4 14111=	· · ·	nitial if reference considered, whether or not o	ritation is in c	onformance with MPEP 60	9; Draw line	through citation	if not	
*EXAMINER	n: IF ce and no	ot considered. Include copy of this form with	next commun	nication to applicant.			SCOMM-DC (2005

							Sheet _ 2_ of	2
FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF OPATENT AND TRADEMA	ATTY. DOCKET NO. GTI-1464		SERIAL NO. 09/960,698			
LIS	- t	PRIOR ART (1) ED BY APPLICANT Use several species if necessary)	APPLICANT(S) John J. KILBANE, II	R	FCE			
			FILING DATE	GROUP FEB 1 4 2002				
			21 September 2001	163) TECH CENTER 1600/2				
		U.S.	PATENT D	OCUMENTS	· · · · · · · · · · · · · · · · · · ·	·		
*EXAMINER INITIAL	·	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING I IF APPRO	
<u>AM</u>	АА	5,401,631	03/1995	Lane et al.	-			
	АВ	4,965,188	10/1990	Mullis et al.				
	AC	4,800,159	01/1989	Mullis et al.				
	AD	4,683,202	07/1987	Mullis			ļ	
	AE	4,683,195 .	07/1987	Mullis et al.				
	AF	~0,006, 0 11 A1	01/2002	Portugal et al.			ļ	
	AG	0,010,910 A1	- 08/2001-	Hyldig Nielsen et al.				
	АН							
	Al						<u> </u>	
	AJ							
	AK							
		FOREIG	N PATENT	DOCUMENTS			77.440	471011
		DOCUMENT NUMBER	DATE	E COUNTRY	CLASS	SUBCLASS	TRANSL	1
					*		YES	NO
	AL							-
	AM							
	AN			· · · · · · · · · · · · · · · · · · ·			·	
	AO							
	AP			Title Date Sertinent Br			<u> </u>	<u> </u>
		OTHER PRIOR ART (Inc	cluaing Autho	or, Title, Date, Peninent Pa	iges, Eic.)			
	AR							
	AS							
	АТ							
	h	idin Marsols				1-20 -		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

				•					
• •	6	Ma ir				Sh	eet 1 of	2	
FORM PTO-1449		U.S. DEPARTMENT OF C	COMMERCE	ATTY, DOCKET NO.	•]	SERIAL NO.	۵.	ļ	
(MODIFIED)	Cox	PATENT AND TRADEMA	ARK OFFICE	GTI-1464		09/960,698			
118	T OF PR	IOR ART CITED BY APPLICANT	· 「	APPLICANT(S)					
LIO	(Us	e several sheets if necessary)	John J. KILBANE, II		SERIAL NO. 09/960,698 PECE/V TECH CENTER 1600/2900				
				FILING DATE					
				21 September 2001		1647 1631 100/2900			
		U.S.	PATENT I	OCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D IF APPRO		
	AA				 				
	AB		,				<u> </u>		
	AC				ļ				
	AD				ļ				
	AE					<u> </u>			
<u> </u>	AF			<u> </u>	 				
	AG		<u> </u>		 				
•'	АН		<u> </u>		-	· · · · · · · · · · · · · · · · · · ·			
	AI				 				
	AJ				-				
	AK		<u> </u>			<u> </u>			
		FOREI	GN PATE	NT DOCUMENTS	т	Τ.	1		
		- COUNTRY NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL		
		DOCUMENT NUMBER	DATE	, ,			YES	NO	
	AL					<u> </u>		 	
	AM				 		<u> </u>	 	
	AN		ļ					 	
	AO		ļ		<u> </u>			 -	
	AP		<u> </u>		<u></u>	<u></u>		<u></u>	
		OTHER PRIOR ART (II							
DM	AR	-Amann, R.I. et al., :Phylogenetic Microbiological Reviews, America	Identificatio an Society for	n and In Situ Detection of or Microbiology, Vol. 59, N	Individual M lo. 1, March	licrobial Cells W 1995, pp. 143-1	ithout Cultiva 69.	lion",	
	AS	Spring, Stefan et al., "Phylogenel Proteobacteria", Systematic and A	tic Analysis Applied Micr	of Uncultured Magnetotac obiology, Vol. 17, No. 4, 1	ctic Bacteria 1994, pp. 50	from the Alpha- 1-508.	Subclass of		

EXAMINER Asla Marsoles Date considered 1-20-04

ΑT

Wallner, G. et al., "Optimizing Fluorescent In Situ Hybridization with RRNA-Targeted Oligonucleotide Probes for Flow Cytometric Identification of Microorganisms", Cytometry, Alan Liss, New York, Vol. 14, No. 2, 1993, pp136-143

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-3985

	1/6	IPF VC				St	neet 20 of 2	
FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF PATENT AND TRADEM	COMMERCE ARK OFFICE	ATTY. DOCKET NO. GTI-1464		SERIAL NO. 09/960,698	MAY CEIV	
LIST OF PRIOR ARTICITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S) John J. KILBANE, II		Sheet 20 of 2 SERIAL NO. 09/960,698 MAY CHCENTER 1600/290		
			FILING DATE 21 September 2001		GROUP 1631			
						L		
	r -	U.S.	PATENT D	OCUMENTS	<u> </u>			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA		·		<u> </u>			
	AB							
·	AC				 			
	AD		-					
	AE			 	l		 	
	AF			<u> </u>	<u> </u>			
	AG		-		 		 	
	AH		 				1	
	Al							
	AJ		L		1			
	AK			L	L <u></u> .	L	L	
	,	FOREIG	N PATEN	T DOCUMENTS	l		I	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL							
· <u>- · · · · · · · · · · · · · · · · · ·</u>	AM							
	AN	·						
	AO							
	AP		_	,				
		OTHER PRIOR ART (Inc	luding Auth	or, Title, Date, Pertinent P	ages, Etc.)			
AM	AR	-Amann, R.I., et al., "Fluorescent-Ol Environmental Studies in Microbiole	igonucleotid	e Probing of Whole Cells	for Determi	native, Phylogen bruary 1990, pp.	netic, and 762-770.	
	AS							
	АТ						<u> </u>	
EXAMINER	An	In Marschy		DATE CON	SIDERED	1-20-	-04	
*EXAMINER in conformance	: In e and n	itial if reference considered, whether or not of considered. Include copy of this form wit	citation is in h next comn	conformance with MPEP nunication to applicant.	609; Draw		tion if not	

					and the second		>	heet 1 of		
FORM PTO-1449 (MODIFIED)			U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY, DOCKET NO.		SERIAL NO.			
					GTI-1464	_	09/960,698			
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT(S)						
(Use several sheets if the enealy)					John J. KILBANE, II				,	
			FEB 2 5 2002		FILING DATE		GROUP			
					21 September 2001		154F 16	31		
U.S. PATENT DOCUMENTS										
*EXAMINER INITIAL			DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING D		
	AA									
	AB									
	AC		, -		550					
	AD				HEC	EIVE		APF	U .	
•	AE				MAR	0 6 700	CEN1	APR	7	
	AF AG			-	TECH UEIN	FR 1600	774		1	
	AH							2002		
	Al						1600/2900			
	AJ						00			
<u> </u>	AK			<u> </u>						
			FOREIG	GN PATEN	T DOCUMENTS					
			DOCUMENT NUMBER	DATE	COUNTRY CLASS		SUBCLASS	TRANSL		
								YES	NO	
	AL .									
	AM AN					-				
	AO									
	AP									
			OTHER PRIOR ART (ncluding Auth	or, Title, Date, Pertinent Pa	iges, Etc.)		,		
1 M			_Wallner, G. et al., *Flow Sorting of N	/licroorganism	s for Molecular Analysis,"	Applied and	Environmental M	crobiology,		
F) 11	AR		Vol. 63, No. 11, November, 1997, p	p 4223-4231						
	AS									
	,10			 				<u> </u>		
	ΑТ									
EXAMINER	L	di	n Marseles		DATE CONS	SIDERED	1-20-	04		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. USCOMM-DC 80-3985										

USCOMM-DC 80-3985

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE					ATTY. DOCKET NO. SERIAL NO.					
FORM PTO-1449 (MODIFIED)	FIED) PATENT AND TRADEMARK OFFICE			GTI-1464 09/960,698				D -		
1.16	LIST OF PROOF ART CITED BY APPLICANT				GTI-1464 APPLICANT(S) John J. KILBANE, II FILING DATE 21 September 2001 DOCUMENTS O9/960,698 JUN 26 2003 GROUDH/CENTER 1600/2900					
(Use several space if necessary)					John J. KILBANE, II					
					FILING DATE			GROUPH CA	782	003
						per 2001		1631	NTER 1601	2/20
			U.S	PATENT D	OCUMENTS			<u> </u>		4900
*EXAMINER				NAME CLASS			SUBCLASS FILI		ATE	
INITIAL									IF APPROF	RIATE
	AA			 					<u> </u>	
	AB									
	AC	-								
	AD			1		····				
	AE									
	AF			1			·			
	AG_									
	AH	 -								
	AJ									
-	AK	<u> </u>								
		!	FORE	IGN PATEN	T DOCUMEN	TS				
								TRANSLATION		
	ļ		DOCUMENT NUMBER	DATE	COUNT	rry	CLASS	SUBCLASS	YES	NO_
	AL									
	АМ									
	AN									
	AO				<u> </u>			·		
	AP				<u> </u>			<u> </u>		
-			OTHER PRIOR ART (Including Auth	or, Title, Date, I	Pertinent F	Pages, Etc.)			
AW	ļ		-Wallner, G. et al., "Flow Cytomel Environmental Microbiology, Vol	tric Analysis of	Activated Sludg	ge with rRI	NA-Targete	d Probes," Applic	ed_and	
''''(AR	\vdash	Environmental Microbiology, Vol	. 61, NO. 3, WA	iy 1999, pp. 100	33-1000				
		 								
	AS	_								
	 									
	AT									
EXAMINER	So	din	Marshy		D	OATE CON	ISIDERED	1-20-	-04	
*EXAMINER	. <u>. </u>	nitial if r	reference considered whether or r	ot citation is in	conformance v	with MPEP	609; Draw	line through cita	tion if not	
in conformanc	e and n	ot cons	sidered. Include copy of this form	with next comr	nunication to ap	oplicant.			COMM-DC 8	0-3985